

Replacing Wireless Coverage

AT&T Telecommunication Facility



CSX Railroad Tracks

225 33rd Street SE, Washington, DC 20019

Introduction

- Replacement for AT&T Antennas that are currently on RFK Stadium
- Accommodates CSX, AT&T and 3 additional wireless carriers (Verizon, Dish)
- Enhances public safety network with FirstNet
- Fills coverage gaps with little visual impact and no adverse effects
- The facility will comply with all federal, state, and local laws
- Recommended Approval by ANC, Office of Planning, DDOT



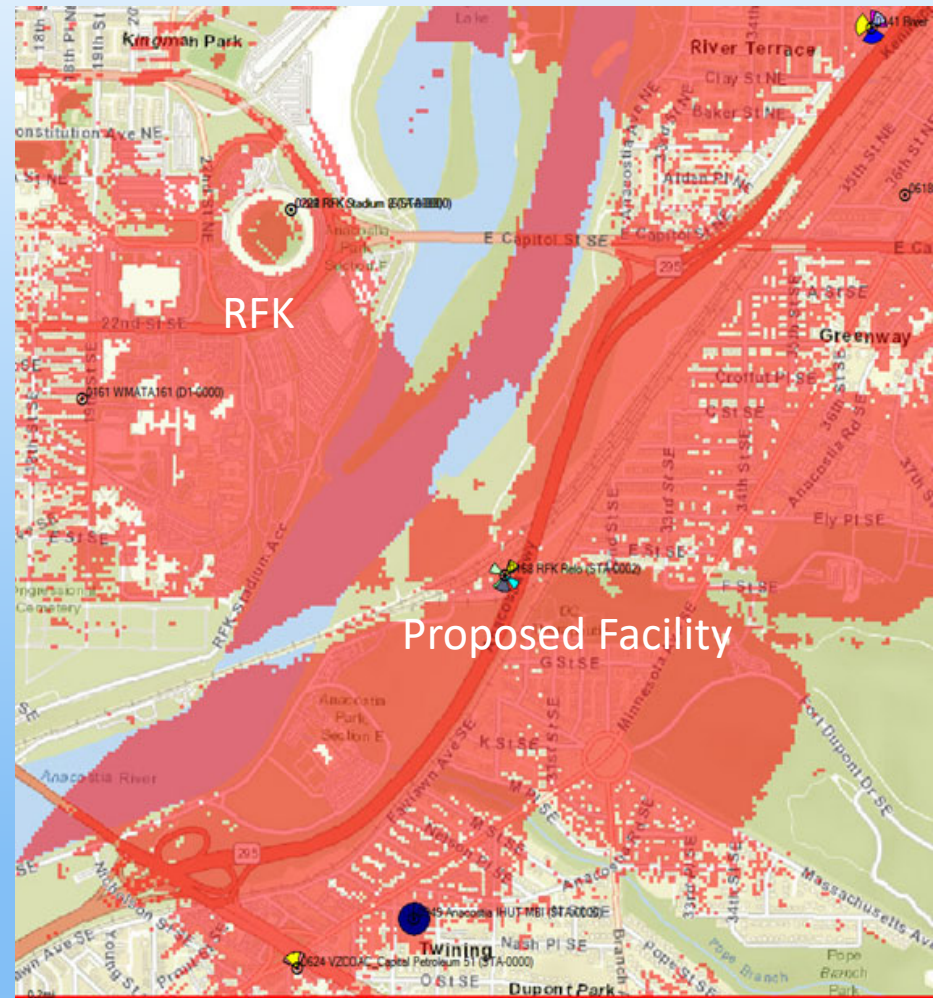
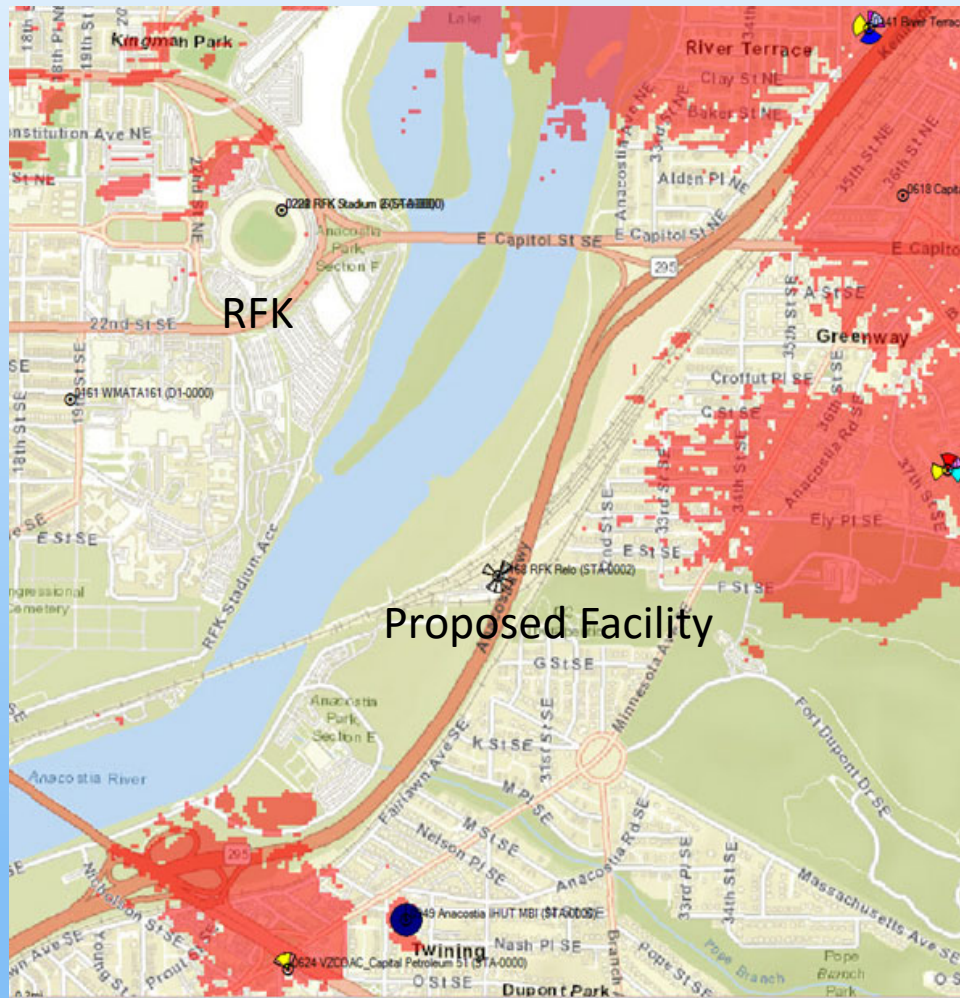
Goals

- Reliable wireless services in and around Southeast D.C.
- Maintain emergency and non-emergency wireless and broadband services when antennas on RFK Stadium are decommissioned
- Provide co-location opportunities for other affected carriers:
 - CSX
 - Verizon Wireless
 - Dish Network
 - Two additional providers
- Reliable services that support the ongoing, increased wireless usage in At-Home Environment

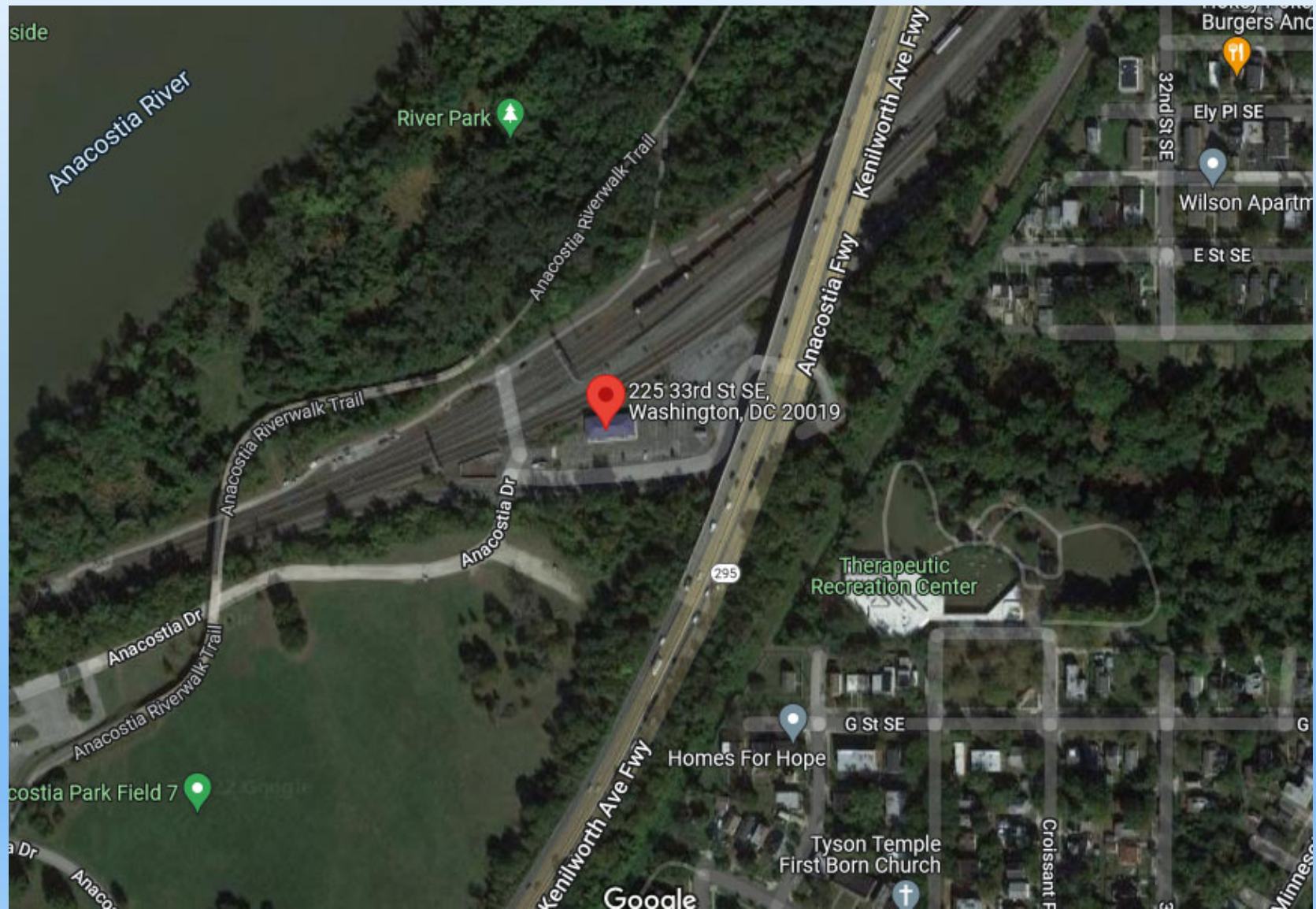


- Dedicated network access and bandwidth for first responders
- An exclusive contract with the federal government and AT&T
- Evolved from 9/11 Commission & Congressional Authorization
- More than 15,000 federal, state and local agencies
 - FEMA
 - Department of the Army
 - Department of the Navy
 - Federal Bureau of Investigation
- Over 2 million daily connections to respond to emergencies
- 50 states & 6 territories opted in by January 2018

Lost Coverage vs. Replacement Coverage



Overhead View



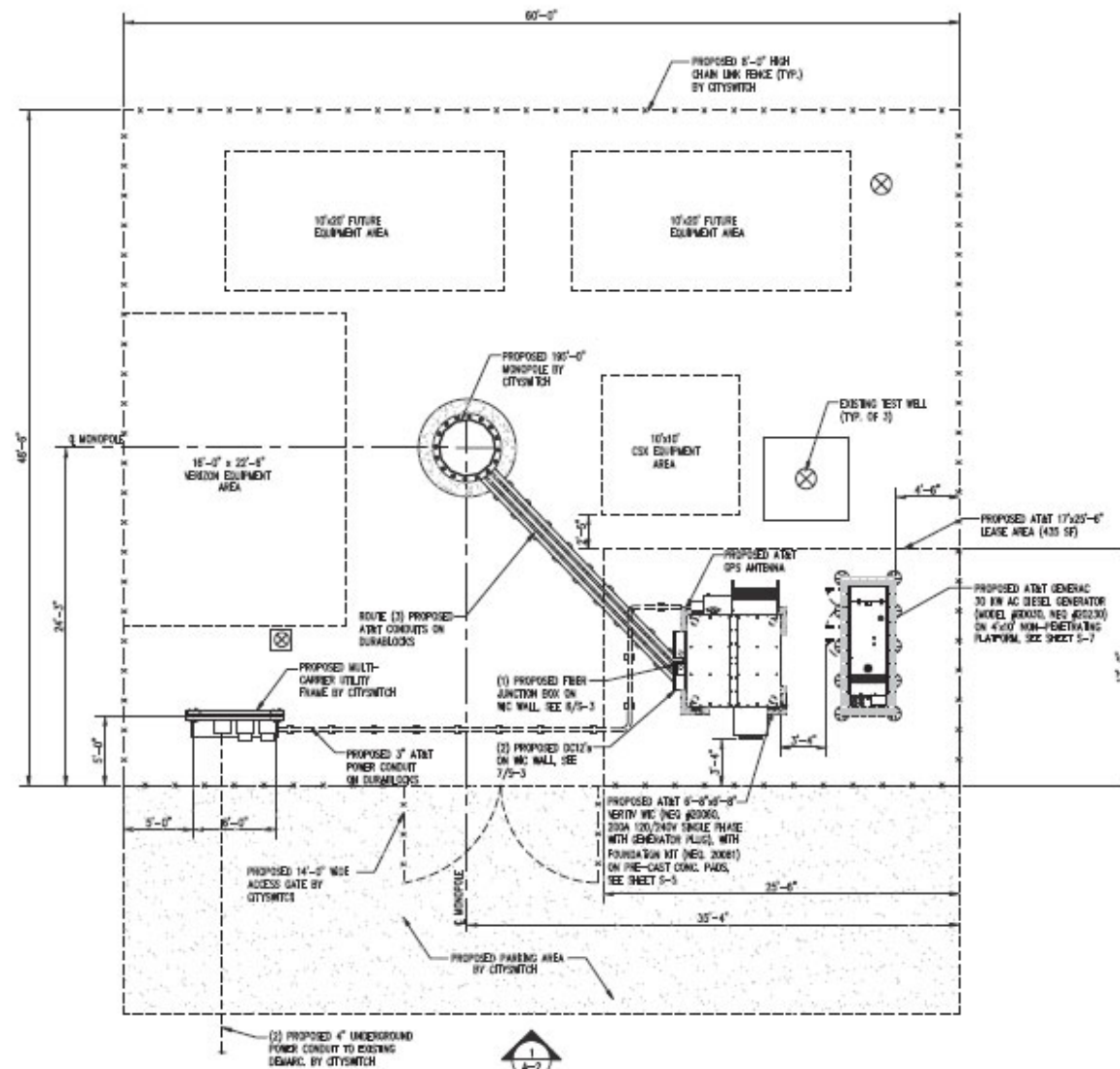
Minimal Local Impact

- Location maximizes buffer from residential homes
- Maintains and improves wireless and broadband services
- Unmanned facility, primarily managed remotely
- Approximately 3-4 visits per year by technician
- No impact on local traffic
- No adverse health effects associated with facility

No Adverse Health Effects

- Wireless Signals are heavily regulated by FCC
- Wireless facilities are typically thousands of times below the federal safety limits
- Reputable agencies have found no adverse health effects:
 - American Cancer Society
 - National Cancer Institute
 - World Health Organization
 - American Council on Science and Health



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Elevation View

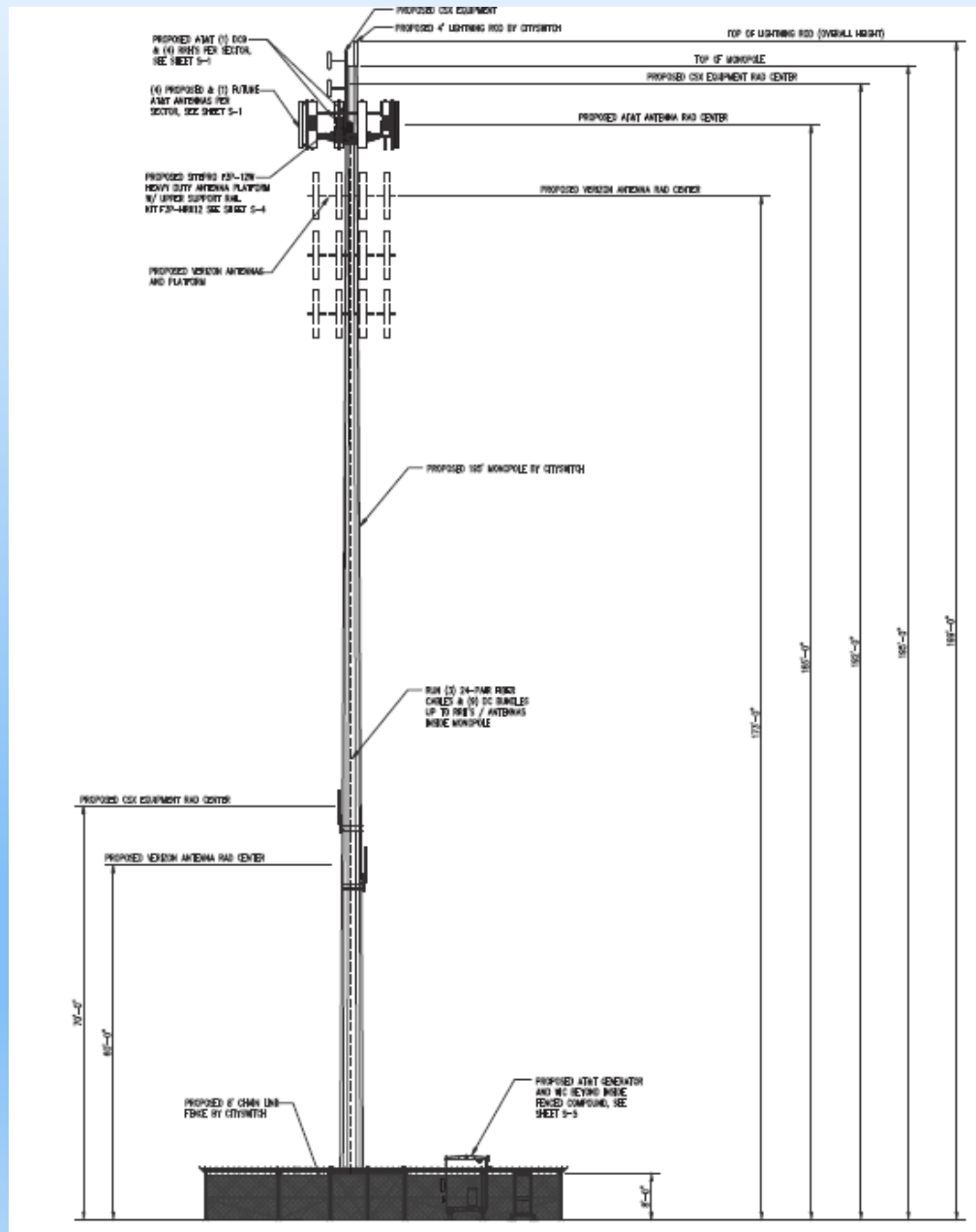


Photo Simulations

PROPOSED VIEW 1



EXISTING VIEW 1



Photo Simulations

PROPOSED VIEW 2

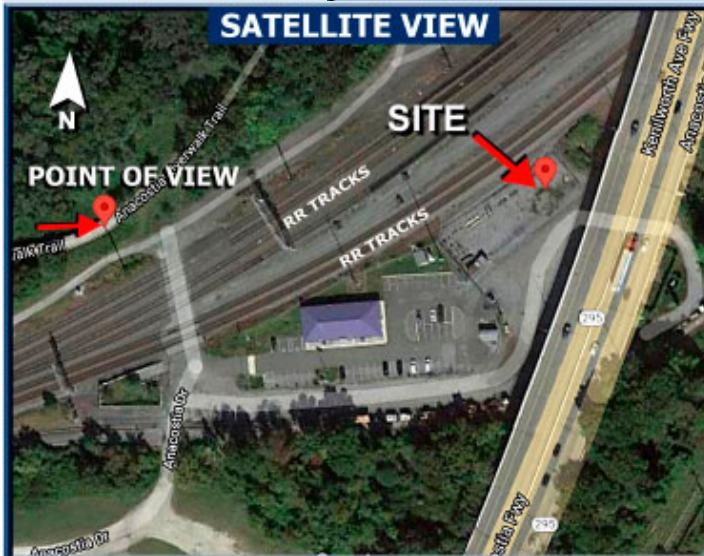


Photo Simulations

PROPOSED VIEW 3

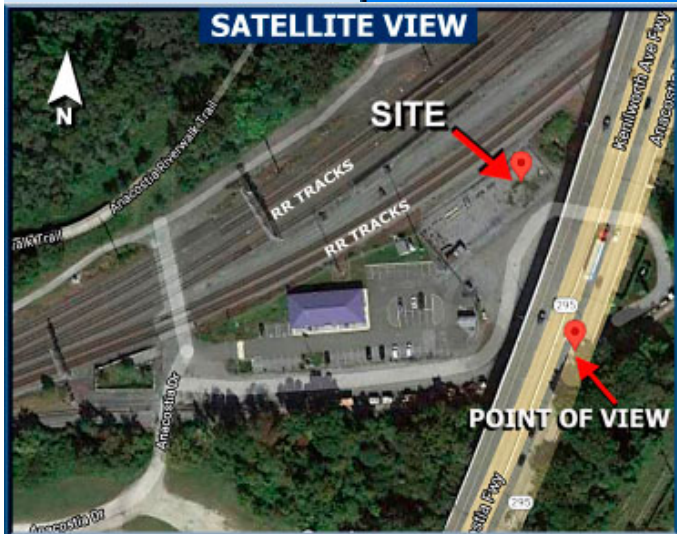


Photo Simulations

PROPOSED VIEW 4



Photo Simulations

PROPOSED VIEW 5 (not visible)



Code Compliance

- Office of Planning: Recommends Approval; DDOT: No objection
- ANC 7B Unanimous Recommendation
- **§1313.5:**
 - Location in industrial district is consistent with Code
 - Monopole is designed for four other wireless carriers, including CSX, Verizon and Dish
 - Visual: The monopole is located away from residential properties. It would be visible from public space but would be located within the industrial area on the CXS railway property and where such use and structure would be anticipated.
- **§1313.6:**
 - A significant gap in coverage will be created by demolition of RFK Stadium
 - No co-locations are available that would fill gap
 - Monopole is the minimum height to fill existing coverage gap and allow sufficient co-locations
- No residential property within 200 feet, meets required setback

THANK YOU